

Belzona Repairs 315 kW Motor Shaft

ID: 2454

Industry: *Power*
Application: *MPT-Mechanical Power Transmission*
Substrate: *Steel*
Products: *Belzona® 1111 (Super Metal),*

Customer Location: *Siemens, Slovakia*
Application Date: *July 2009*

Problem

Shaft had been damaged by failed bearing.



Photograph Descriptions

1. Electric motor case
2. Damaged shaft
3. Machining of the Belzona® 1111
4. Completed job

Application Situation

315 kW electric motor shaft.

Application Method

Application was carried out in accordance with Instructions for use. Shaft was turned down and left with coarse thread before being rebuilt with Belzona® 1111 followed by machining back to original diameter.

Belzona Facts

Welding was not an option due to the high risk of thermal stress. Belzona repaired required no heat so enabled a safe cost-effective repair to be completed quickly, saving huge cost over replacement option.

For more examples of Belzona Know - How In Action, please visit: <https://khia.belzona.com>

ISO 9001:2015
Q.09335
ISO 14001:2015
EMS 509612

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manufactured under an ISO
9001 Registered Quality
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